

***LineUp With Math™* Alignment**  
**To the Massachusetts Mathematics Curriculum Framework**  
**Grade-Level Standards, November 2000**

**Patterns, Relations, and Algebra Strand**

*Students engage in problem solving, communicating, reasoning, connecting, and representing as they:*

**Grade-Level Standard**

10.P.8 Solve everyday problems that can be modeled using systems of linear equations or inequalities. Apply algebraic and graphical methods to the solution. Use technology when appropriate. Include mixture, rate, and work problems.

***LineUp With Math™* Activities**

--Apply mathematics to solving distance, rate, and time problems for aircraft conflict scenarios.

--Use an interactive simulator plus calculation worksheets to model and resolve air traffic control conflicts.